



# New Jersey Department of Environmental Protection

## Municipal Stormwater Regulation Program



## 2010 Status Summary Report



New Jersey Department of Environmental Protection  
Division of Water Quality  
Bureau of Nonpoint Pollution Control





# New Jersey Department of Environmental Protection Municipal Stormwater Regulation Program 2010 Status Summary Report

## INTRODUCTION

New Jersey Department of Environmental Protection's (Department) Municipal Stormwater Regulation Program was developed in response to USEPA's Phase II stormwater regulations and is part of a national program mandated by the US Clean Water Act.

The Department issued four New Jersey Pollutant Discharge Elimination System (NJPDES) general stormwater permits to implement the federal program; Tier A Stormwater Permit (regulates 457 urban, suburban, and coastal municipalities), Tier B Stormwater Permit (regulates 99 mostly rural municipalities), Public Complex Stormwater Permit (regulates 75 county, State, interstate and federal facilities), and Highway Agency Stormwater Permit (regulates 33 county, and State highway facilities).

The general permits address stormwater quality and quantity issues related to new development, redevelopment and existing development by requiring regulated entities to develop a stormwater program and implement specific permit requirements. The general permits also require municipalities to update the Department on implementation and supply supporting data in Annual Reports due May 2nd of every year. This data provides metrics which allow the Department to measure the overall effectiveness of the program and gauge its impact on the environment. The Department has summarized the data received from 2004 through December 31, 2009 in the following report.

This Summary Report shows an exceptional level of compliance that could only be reached by dedication and commitment at the local level. Municipal engineers, public works, and maintenance staff should be recognized for the hours spent reviewing plans, sweeping streets, cleaning storm drains, and educating the public.

## PLANNING

Have all municipalities adopted a Municipal Stormwater Management Plan (SMP) and Stormwater Control Ordinance (SCO)?



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From 2004 to 2009  
**100%**  
of all municipalities  
have adopted a  
Stormwater  
Management Plan  
(SMP) and  
Stormwater Control  
Ordinance (SCO)

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## PLANNING (continued)

How many new development projects have had stormwater reviews at the municipal level for post construction stormwater management?

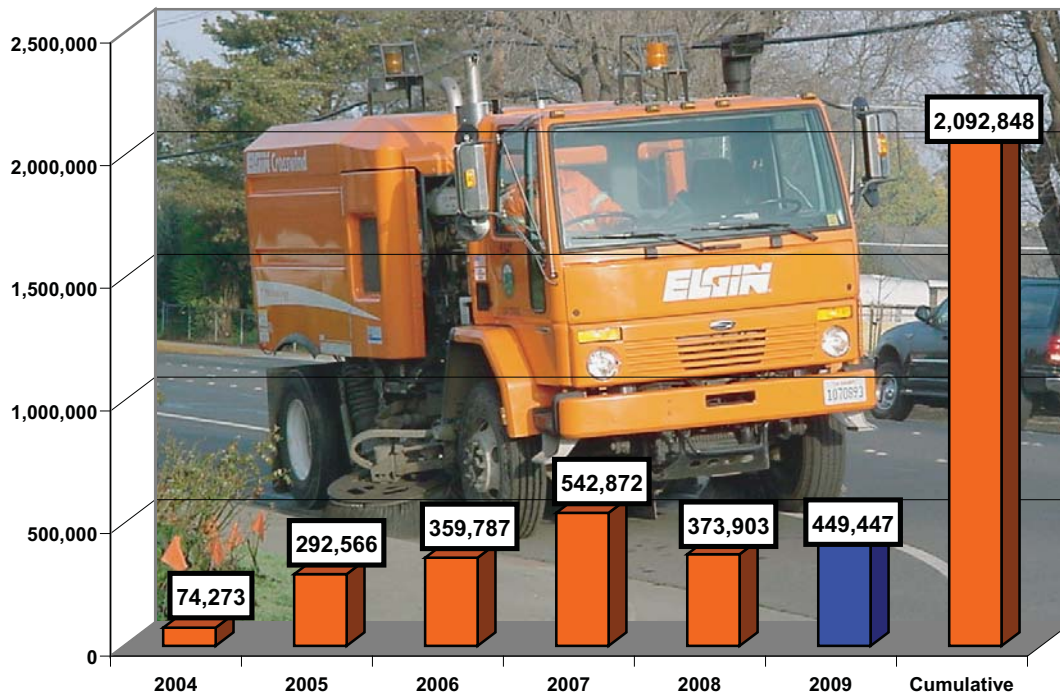


**11,162**  
major  
development  
projects have  
been reviewed  
locally to ensure  
stormwater meets  
quantity, quality  
and recharge  
requirements in  
2007 through  
2009



## INFRASTRUCTURE MAINTENANCE

How many miles of roads and highways have been swept statewide?



**2,092,848**  
miles of  
roads and  
highways  
have been  
swept in New  
Jersey since  
2004

## INFRASTRUCTURE MAINTENANCE

As a result of this aggressive street sweeping program, how many tons of grit, solids and trash have been removed from New Jersey's streets?

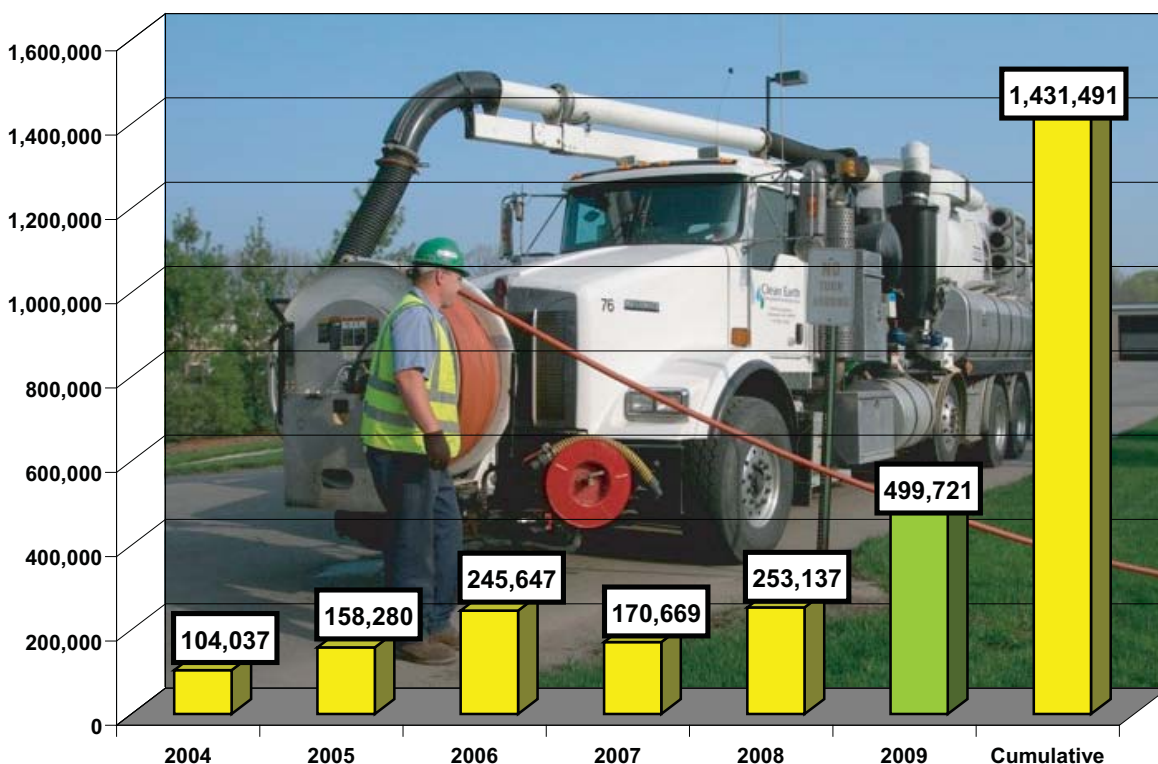


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**819,404 tons**  
of trash and debris have been  
removed from NJ's streets  
since 2004

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How many storm sewer catch basins have been cleaned statewide?



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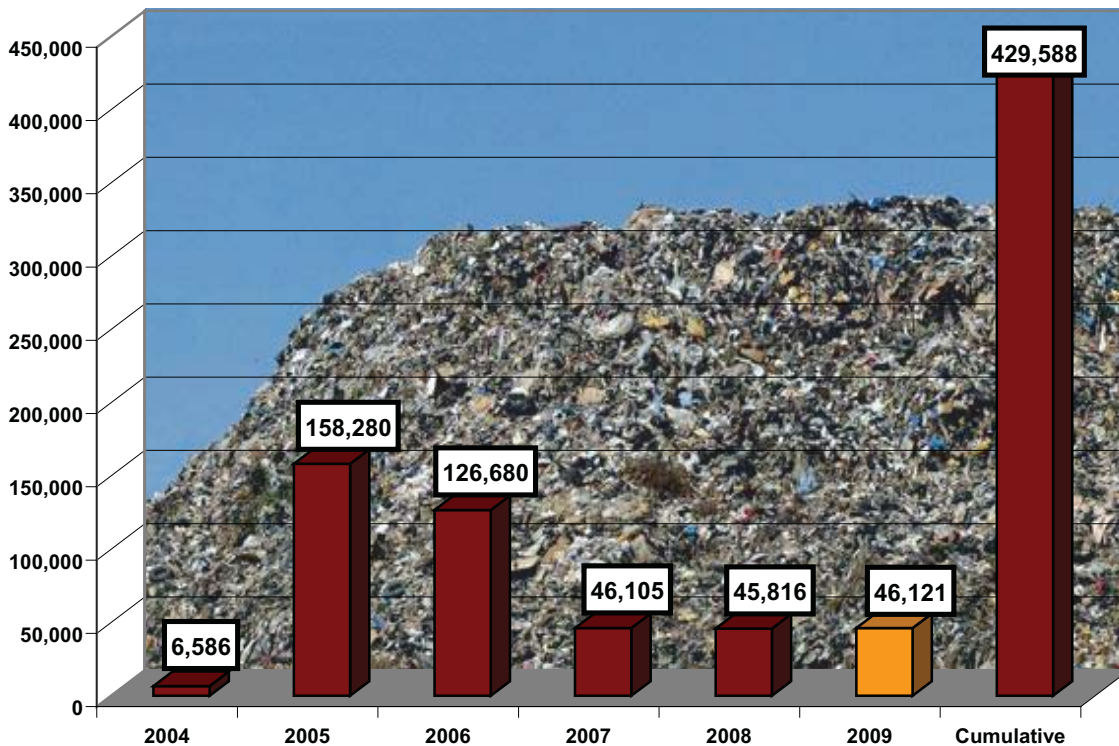
**1,431,491**  
stormwater  
catch basins  
cleaned in NJ  
since 2004

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## INFRASTRUCTURE MAINTENANCE (continued)

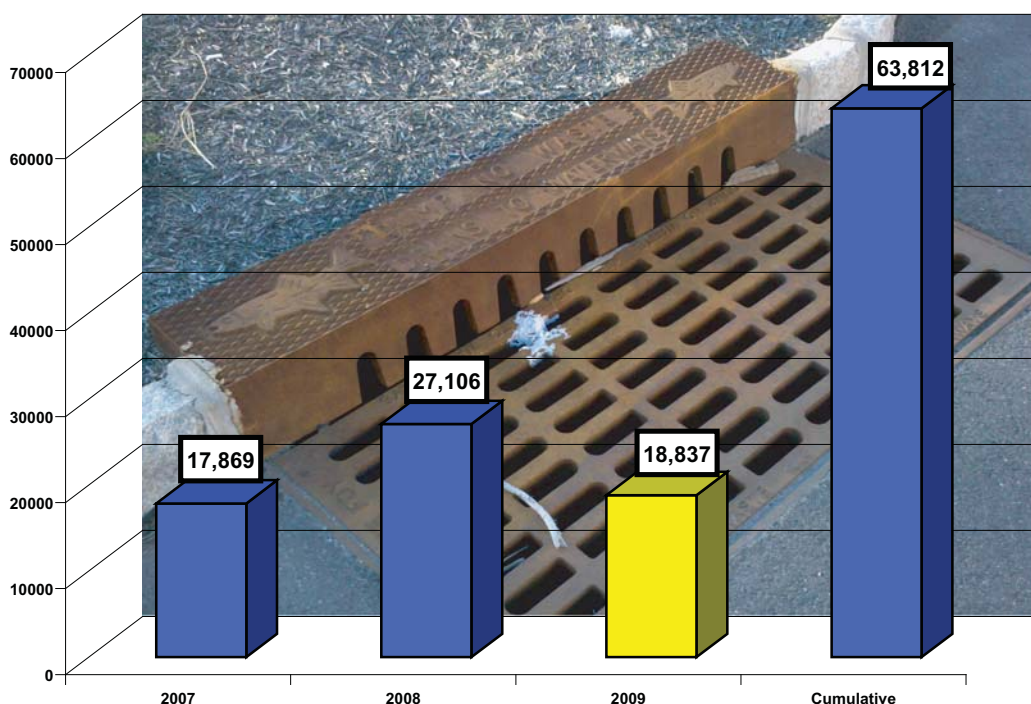
How much sediment, solids and trash have been removed from New Jersey's storm sewers as a result of this cleaning program?



**429,588**  
tons of  
sediment,  
solids and  
trash  
removed  
from NJ  
storm sewers  
since 2004

Note: Tier A municipalities must inspect all their catch basins and clean those catch basins with accumulated debris. As municipalities sweep streets and retrofit catch basin, less cleaning is required and less material will be removed. It is anticipated that the numbers for cleaning and material removed will continue to trend down and level off as municipalities catch up on maintenance.

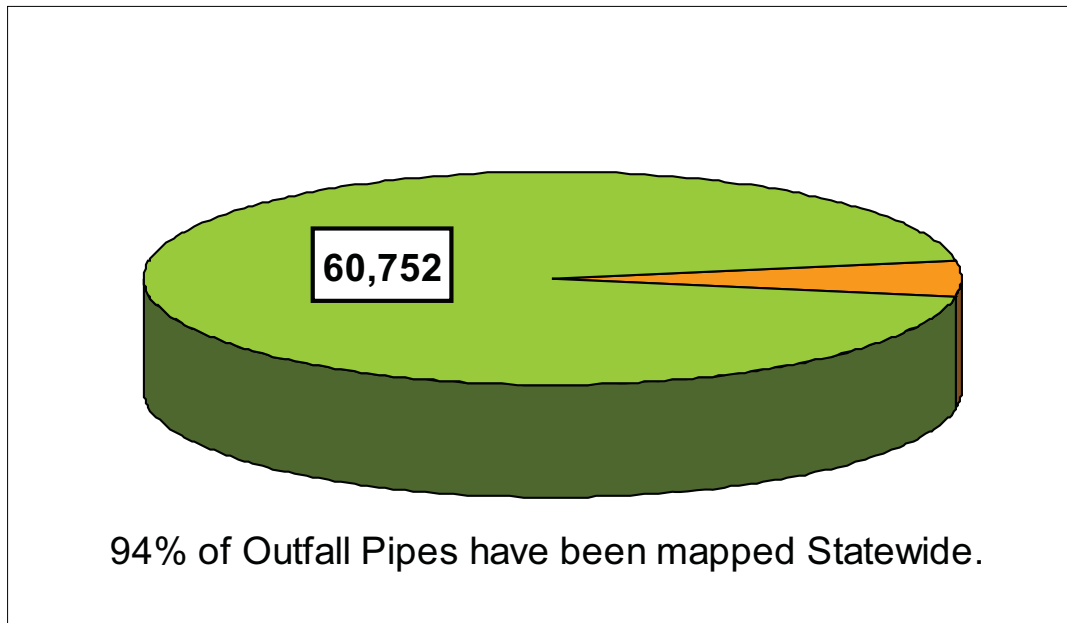
To keep floatables and trash from reaching New Jersey's waters, the municipal permits require the retrofitting of storm drain inlets. How many storm drain inlets have been retrofitted as a result of this program?



**63,812**  
storm sewers  
were retrofitted  
between  
2007-2009 to  
prevent  
floatables and  
trash from  
reaching  
surface waters  
of the state

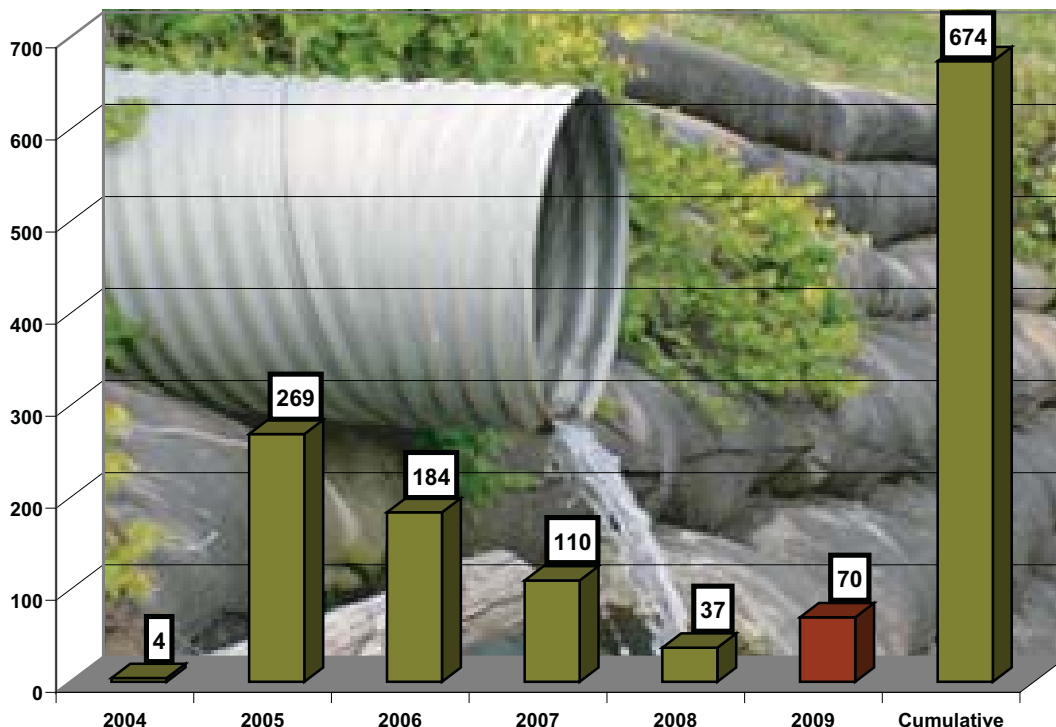
## OUTFALL MAPPING

How many stormwater outfall pipes have been inspected and mapped statewide?



Each Tier A Municipality, Public Complex and Highway Agency must inspect and map each stormwater outfall. Any illicit connections found during the inspection must be investigated and eliminated.

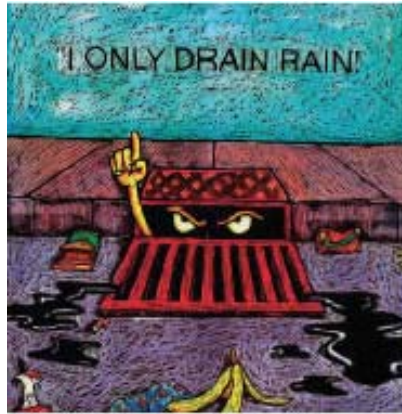
How many illicit discharges of sanitary, industrial or other wastes have been eliminated from discharging directly into New Jersey's waters?



After Municipalities have completed initial outfall mapping and inspections, they must continue to have an illicit connection program. However, investigations will be complaint driven, and as a result, the number of illicit connections found may decline.

## PUBLIC EDUCATION

Nonpoint Pollution is attributable to human activities. The most effective way to change public behavior is through education. In 2009 municipalities were given the flexibility to craft their own local public education program. This is what municipalities did in 2009 at the local level to educate the public and increase awareness about stormwater and nonpoint source pollution.

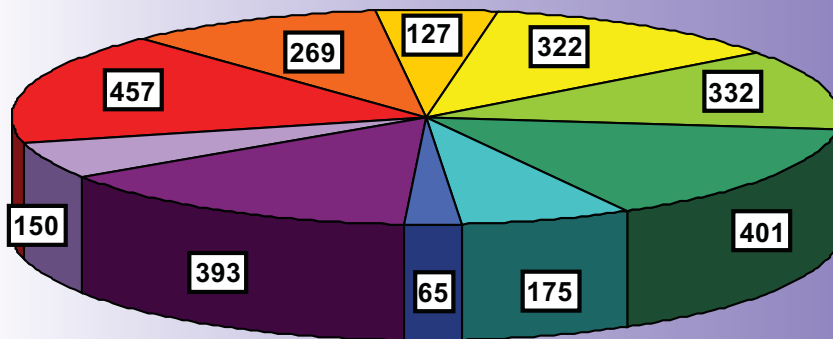


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Municipalities  
held  
**2,691**  
local public  
educational  
activities in  
2009

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### Educational Activities

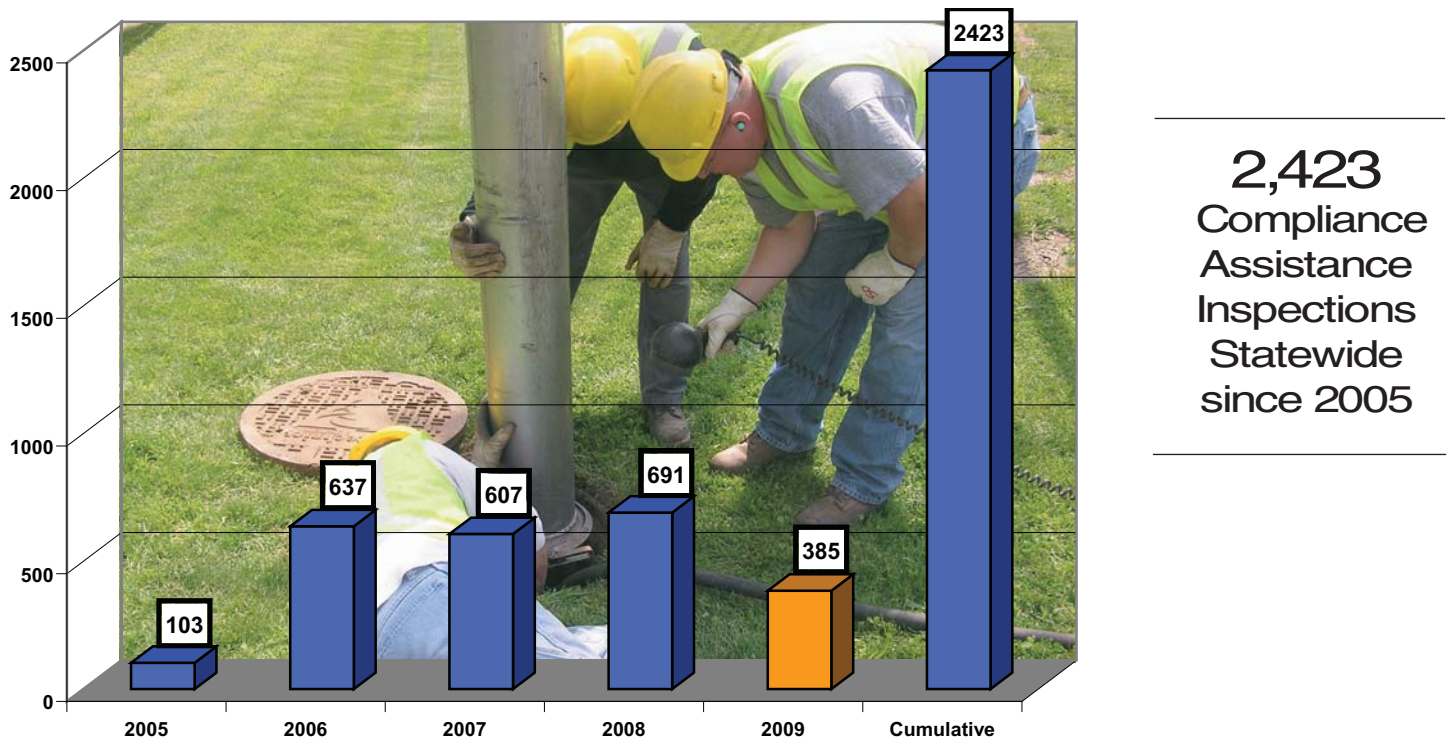


- 322 School presentations/stormwater poster contests
- 332 Websites created
- 401 Stormwater displays/murals
- 175 Distribute an item with a stormwater related message
- 65 Citizen Stormwater Advisory Committee
- 393 Utilize department material
- 150 Stormwater training for elected municipal officials
- 457 Mailing
- 269 Local events
- 127 Letter from Mayor on stormwater



## COMPLIANCE & ENFORCEMENT

Is the Department conducting compliance assistance inspections of all municipalities, public complexes and highway agencies permitted statewide?



Note: In view of the fact that the primary requirements of the permit have been attained, the Department has shifted their efforts from routine inspections to identifying and correcting problem areas. Consequently the number of inspections and penalty money collected has decreased from previous years.

Has the Department taken enforcement actions and issued penalties for failure to comply with municipal permit conditions?

